



Infection Free Hospitals

INDIA's FIRST Non-UV Disinfection Lighting

Effective against all types of
Bacteria, Fungi, Viruses including
COVID-19 & hMPV



Are you looking for a reliable, all-in-one **sterilization solution** for a Bio-safe environment across your facility?

Is **reducing the risk of Infections** Airborne & Surface in critical areas like ICUs and operating rooms a **top priority** for you?

Transform your Hospital Environment to
**PATHOGEN-FREE
ROUND THE CLOCK**



Scan for
Approval Certificates





RAY-PURE

Deliver STERILITY Through LIGHTING

RAY-PURE ANTIBIOTIC LIGHTING

Non-UV, Safe for Humans, Protects 24/7 Product.

RAY-PURE SAFE ANTIBIOTIC LIGHT is a New & Disruptive Product that Protects Humans from Air Borne Infections in Closed Spaces. Its a BOON in the era of increasing MICROBIAL RESISTANCE and Diminishing tribe of newer ANTIBIOTIC DRUGS.

RAY-PURE is the First NON_UV product, (UV Lights are hazardous for Human skin & eyes), with demonstrated ability to remove Airborne Pathogen DIRECTLY from AMBIENT AIR, be it the Germs, Viruses & Fungi.



Credentials:

CCMB tested on Corona Virus SarsCoV 2 with effectiveness of 95% reduction in 60 minutes.

Oliva Skin clinics certified as safe for Skin after three months of use.

MS Unit verified that the Emission Spectrum does not contain UVA/UVB/UVC/IR. Studies have established the germicidal Efficacy of our Antibiotic Light on every disease causing Microbial known over last 2 decades.

Benefits:

The RAY-PURE enables Continuous Disinfection of Indoor Air, which was not technically possible till now!

RAY-PURE Continuously Sanitizes our Homes, Offices, Malls, Theatres, Elevators.

More importantly, RAY-PURE Sterilizes the Medically Critical spaces like HOSPITALS, ICUs, OPERATION THEATERS & DOCTOR'S CONSULTING ROOMS., which are continuously

**AFFORDABLE | SUSTAINABLE |
SCALABLE NON-UV DISINFECTION**

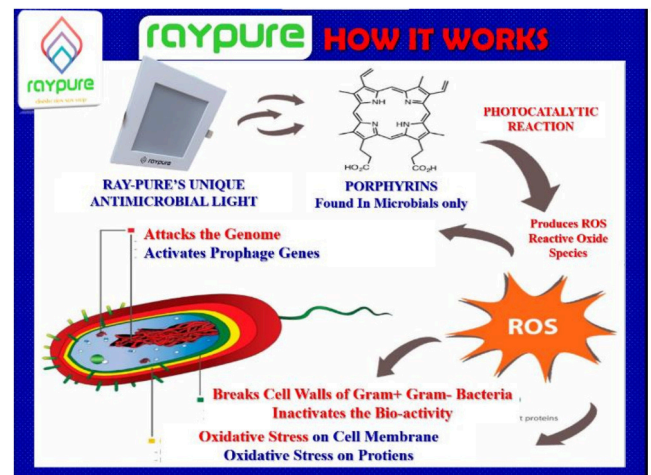
under attack by infections breathed out by the visiting sick-patients.'

Ruggedness & Longevity & Ease of Use: Ray-pure Lasts for over 5 years. It needs no Servicing, no additional Power, No Consumables. The Monthly Cost of Ownership is less than a cup of Coffee. v4

How it works (Ray-Pure Antibiotic Light.)

RAY-PURE light contains proven ANTIBIOTIC rays that fall within the Safe Visible Spectral region, Visible Light (VIBGYOR) is harmless to Human beings. This fact is certified by MS University Baroda, who analysed the emitted rays and confirmed the absence of UVA, UVB or UVC or IR.

Every Microbial Pathogen is surrounded by Associated PORPHYRINS. RAYPURE's Anti Biotic Light (ABL), through Photocatalytic Action on porphyrins, produces ROS or Reactive Oxide Species. The highly reactive ROS breaks the skin of the Bacteria & Lipid covered Viruses, & thereby destroys them. The ROS acts through multiple fronts. ROS creates Oxidative stress on nuclei acids, interferes with the Gene regulations mediated by blue-light photoreceptor proteins and by activation of prophage genes.



The human cells do not have porphyrins and hence we are not harmed by ABL lights. (This safety to human skin has been certified by 158 strong team of all UK qualified dermatologists at 'Oliva' after 3-months of live use.)



TESTED VERIFIED BY CCMB ON COVID VIRUS

सी सी एम बी **CCMB**
कोशिकीय एवं आणविक जीव विज्ञान केन्द्र
CENTRE FOR CELLULAR AND MOLECULAR BIOLOGY
उप्पल रोड, हैदराबाद - 500 007, भारत
Uppal Road, Hyderabad - 500 007, India



Page no 1 of 2

Anti-viral Testing Report

Date: 17th August, 2021

Name of the Company: LEDCHIP INDUS P LTD.

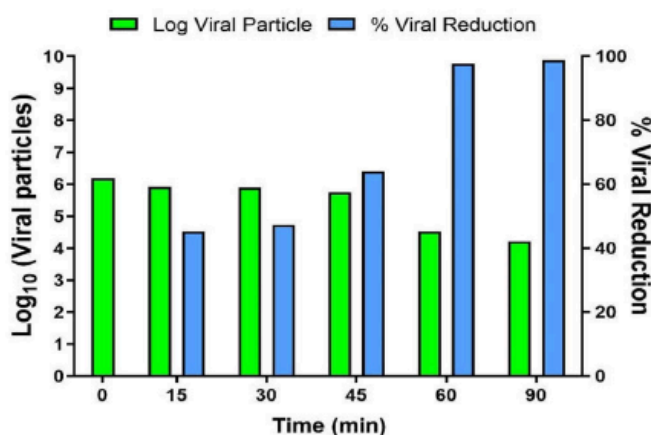
Specifics of the Product: RAYPURE NON-UV LIGHT

Name of the virus tested: SARS-CoV2

Tested Concentrations (min): 15, 30, 45, 60, 90

Assay Details:

Assay Performed	Materials used	Manufacturer
Viral RNA Extraction	MagMAX TM Viral/Pathogen II Nucleic Acid Isolation Kit	Applied Biosystems (by Thermo Fisher Scientific)
qRT-PCR	MERIL COVID-19 One- Step RT-PCR Kit	MERIL Diagnostics



Results: The device showed 98% viral reduction at 90min. The viral particles reduced from $10^{6.2}$ to $10^{4.7}$ at 90 min.

The experiment was done in duplicates and the values were averaged to calculate % viral reduction

The regression equation for viral particles Vs Ct value of the N-gene specific to SARS-CoV2 virus ($y = -3.8424x + 40.364$, $R^2 = 0.9964$)

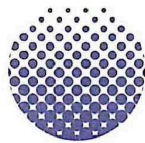
(X= Number of viral particles, y=Ct value)

Number of viral particles are calculated using $X = ((40.364 - Ct_{N-gene} @ \text{different time points}) / 3.8424)$.

%Viralreduction = $\frac{\text{Number of viral particles in infection control} - \text{number of viral particles exposed to device}}{(\text{test}) \text{ number of viral particles in infection control}} \times 100$

(Dr B Kiran Kumar)
Scientist-in-charge, CCMB

Approve tested Laboratory by DCA and CDSC Organization



HORIZON
Biolabs Pvt. Ltd.

E-Mail: admin@horizonbiolabs.com; website: www.horizonbiolabs.com, Mobile: 910

Lab Address: Plot No: 61/1, Sy.No:374, CIE, Gandhinagar
Expansion, Balanagar, Quthbullapur Mandal, Medchal-
Malkajgiri Dist., Hyderabad, Telangana
Regd. Office: Flat No. 312
Mayurinagar, Miyapur, Hyderabad



Approved Testing Laboratory by Drugs Control Administration and Central Drugs Standard Control Organization (DCA and CDSC)

Certificate of Analysis

Form 39 see Rule 150-E (f) (Under the Drugs & Cosmetics Act, 1940 of the Drugs and Cosmetics Rules 1945 there under)

Name and address of the Ledchip Indus Pvt. Ltd. 29 A&B, Electronic Complex, Rd Number 11, Hyderabad,, Kushaiguda Industrial Area, Kushaiguda, Secunderabad, Telangana 500062	Registration : HBL/180521/014 Customer Ref : NA Receipt Date : 18/05/2021 Date of Analysis : 18/05/2021 Date of Issue : 20/05/2021
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Sample Particulars

Sample : Microbial Load Measurements in Air for RayPure	Mfg. : NA
Batch : NA	Exp. Date : NA
A.R.No : NA	Re-Test Dt. : NA
Batch Size : NA	Mfg. : NA
Supplied : NA	Mfg. Lic. : NA
Sampled : NA	Sampling : NA
Test : TAMC	Sample : 04 Plates
Test : As per customer Specification	Sample : SS Canister

S.No	Test	Results & UOM	Specification
B & C indicate position of plates kept at 6 ft and 12 ft respectively from the source in a closed room of 10ftx12ftx10ft.			
B-Table			
	Total Aerobic Microbial Count	32 cfu/plate	Initial condition before using RayPure
C-Floor			
	Total Aerobic Microbial Count	12 cfu/plate	Initial condition before using RayPure
B1-Table			
	Total Aerobic Microbial Count	07 cfu/plate	Exposed for 30 min after using RayPure for 1 hour
C1-Table			
	Total Aerobic Microbial Count	06 cfu/plate	Exposed for 30 min after using RayPure for 1 hour

**RAPURE in 1 HOUR REDUCES
AIRBORNE MICROBIALS BY 78%**

Form 39 see Rule 150-E (f) (Under the Drugs & Cosmetics Act, 1940 of the Drugs and Cosmetics Rules 1945 There under)

S.No	Test	Results & UOM	Specification
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Reports Reports: In the opinion of undersigned the sample referred to the above is of the standard quality as defined in the Drugs & Cosmetics Act and Rules made there under for the reasons given sample above.

Note Sample Analysed as Received and Above Test / Results are subjected to the Sample Submitted only.

Disclaimer Remarks: Sample particular's Data provided by the customer. Yes/No

Prepared by



20/05/2021



Authorized Signatory
Venkat Raju.K

PATENT CERTIFICATE

CSIR
CCMB
TESTED &
APPROVED



सत्यमेव जयते

क्रम सं/SL No :044186411



पेटेंट कार्यालय, भारत सरकार

The Patent Office, Government Of India

पेटेंट प्रमाण पत्र

Patent Certificate

(पेटेंट नियमावली का नियम 74)

(Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No.

533029

आवेदन सं. / Application No.

202341018513

फाइल करने की तारीख / Date of Filing

18/03/2023

पेटेंटी / Patentee

1.LEDCHIP INDUS PRIVATE LIMITED 2.KOPURI VIJAYAKUMAR GUPTA 3.SOMA SWATI

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकरित *An anti-viral illumination device for sterilization against SARS COV-2* नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख मार्च 2023 के अठारहवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled *An anti-viral illumination device for sterilization against SARS COV-2* as disclosed in the above mentioned application for the term of 20 years from the 18th day of March 2023 in accordance with the provisions of the Patents Act, 1970.

अनुदान की तारीख : 15/04/2024
Date of Grant :



पेटेंट नियंत्रक
Controller of Patents

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, मार्च 2025 के अठारहवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।

Note. The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 18th day of March 2025 and on the same day in every year thereafter.

CE CERTIFICATE



Scan this code with your smart phone
to verify the certificate

Certificate

THIS IS TO CERTIFY THAT THE TECHNICAL DOCUMENTATION/INSPECTION/TEST RESULTS COMPLY WITH
THE REQUIREMENT OF MEDICAL DEVICE DIRECTIVE 93/42/EEC MANUFACTURED BY:

NAME: LEDCHIP INDUS PRIVATE LIMITED
ADDRESS: 2nd FLOOR, 29 A AND B, ROAD NO.11, ELECTRONIC COMPLEX, KUSHAIGUDA, MEDCHAL –
MALKAJGIRI, TELANGANA, 500062, INDIA
SCOPE: MANUFACTURER
PRODUCTS: MANUFACTURER OF NON UV DISINFECTION LED LIGHTS & LED PRODUCTS.

COMPLIES WITH THE REQUIREMENTS APPLICABLE TO IT:

The Certification Body has performed an independent audit of the above product quality system covering the design, manufacture and final inspection of the certified product. The quality system has been assessed, approved and is subject to continuous surveillance according to the Medical Device Directive 93/42/EEC.

THIS CERTIFICATE IS ISSUED UNDER THE FOLLOWING CONDITIONS:

1. It applies only to the quality system maintained in the manufacture of above referenced models and it does not substitute the design or type-examination procedures, if requested.
2. The certificate remains valid until the manufacturing conditions or the quality systems are changed.
3. The certificate validity is conditioned by positive results or surveillance audits.
4. After fulfilling the relevant EU legislation, the manufacturer shall affix to each device, of the above referenced models.
5. The CE mark as shown above can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of conformity and compliance with all relevant EC Directives. The statement is based on a single evaluation of one sample of above mentioned product. It does not imply an assessment of the whole production.

CERTIFICATION CALENDAR:

CLIENT ID: 60560

PLACE: TELANGANA, INDIA

CERTIFICATE NO: INCE/TL-62390/0323

INITIAL REGISTERED DATE: 13.03.2023

ISSUANCE DATE: 13.03.2023

DATE OF EXPIRY: 14.03.2026

1st SURV. DUE: 14.03.2024

2nd SURV. DUE: 14.03.2023



REVOLUTIONARY CERTIFICATIONS SERVICES

27, Old Gloucester Street, London, WC1N 3AX, United Kingdom. Email:- info@rcscert.com

Validity of this certificate is subject to successful completion of surveillance audit on or before of due date.

(In case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawal.)

Certification Verification: Please check this validity of the certificate at:- <https://www.thesasl.co.uk/certified-clients/> or www.thesasl.co.uk at

Verify & then Certified Clients. This Certificate remains the property of RCS & shall be returned immediately upon request.

CE MARKING

BIS CERTIFICATE



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution,
Govt. of India)

मानक भवन, 9 बहादुर शाह ज़ाफर मार्ग, नई दिल्ली - 110002

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi - 110002

दूरभाष / Phone: +91-11-23230856/2323010131/23233375/23239402

ई-मेल / E-mail: registration@bis.gov.in

वेबसाइट / Website: <https://bis.gov.in/>, <https://www.crsbis.in/BIS/>

Our Ref: Registration/CRS 2021-6670/R-63002542

Date:02-12-2021

Subject : Licence Document

Manufacturing Unit :	LEDCHIP INDUS PRIVATE LIMITED 29AB, LED BHAVAN, ELECTRONIC COMPLEX, KUSHAIGUDA, ROAD NO. - 11, MEDCHAL MALKAJGIRI DIST., HYDERABAD TELANGANA,India-500062 ledchip@ledchipindus.com 9000081171	
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Dear Sir,

1. With reference to your Application, we are pleased to inform you that it has been decided to grant you licence as per details given below :

Product Category:	Recessed LED Luminaires
Product Name:	Recessed LED Luminaries
IS NO :	IS 10322 (PART 5/SEC 2) : 2012
Brand (As Declared by Manufacturer) :	RAYPURE
Model :	[Brand -> RAYPURE, Models -> RDQ 12W, RDQ 15W, RDQ 18W, RDQ 22W, RDQ 24W, RDQ 30W, RDQ 36W, RDQ 48W, RDQ 6W, RDR 12W, RDR 15W, RDR 18W, RDR 22W, RDR 24W, RDR 30W, RDR 36W, RDR 48W, RDR 6W]
Factory Address :	29AB, LED BHAVAN, ELECTRONIC COMPLEX, KUSHAIGUDA, ROAD NO. - 11, MEDCHAL MALKAJGIRI DIST., HYDERABAD TELANGANA,India-500062

2. The licence is being granted for your unit located at the address and for the brand and models mentioned at serial no 1 above.

3. The number assigned to this Licence is **R-63002542** which has been made operative from **02-12-2021** and is valid upto **01-12-2023**. The Licence Number should invariably be referred to in your future correspondence.

4. The rights and privileges under the licence shall not be exercised by any other factory / organization at any other location. This licence is not transferable. In the event of shifting of the manufacturing machinery from the registered premises to some other place use of the licence Number shall be stopped and BIS shall be informed.

5. The licensee shall comply with the provisions of the Act, rules and regulations framed thereunder and as amended from time to time.

6. The licensee shall follow the guidelines for the use of Standard Mark and labeling requirements as per Annex-I.

7. The licensee shall not use the licence in any manner which contravenes the provisions of Act, rules and regulations framed thereunder and as amended from time to time.

8. Upon expiry of validity, stoppage or suspension or cancellation of licence, you shall discontinue forthwith the self declaration of conformity to the relevant Indian Standard(s) and withdraw all promotional and advertising matter which contains any reference thereto.

9. For renewal of licence, the licensee shall have to apply to BIS three months in advance before expiration of the licence and application form for renewal is available on BIS website.

10. The licence is not transferable. Kindly acknowledge receipt of this letter.

Thanking you,

Yours faithfully,
(Mohit Prabhat)
Sc. C
Telfax : +91-11-23230856
E-mail: registration@bis.gov.in

Note: This is a system generated letter. Hence signature is not required.
To verify authentication of letter, kindly scan the QR code on this letter.

NO RADIATION-IT IS VISIBLE LIGHT ONLY



APPLIED PHYSICS DEPARTMENT

FACULTY OF TECHNOLOGY AND ENGINEERING
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA
VADODARA – 390 001. GUJARAT, INDIA.
DST-FIST & UGC-DRS Sponsored Department

Dr. C. J. Panchal
Associate Professor

14 October 2021

Certificate of Radiational Safety of Raypure Disinfection Devices

PRODUCT TESTED

We have been tasked to examine & test the Raypure Non-UV Continuous Disinfection System LED LIGHT, that are employed in Bactericidal & Virucidal application, and are specified to have no radiation that are harmful for human beings.

RESULTS & CONCLUSION

We have examined the Spectral Power Distribution of the Raypure Disinfection device.

We hereby certify that the light emission of Raypure Disinfection device is limited to the range that is within the 'Visible' region of spectrum. Raypure's emissions do not contain any harmful radiation and Raypure emits neither the Ultraviolet UVA, UVB, UVC nor the Infra-Red IR.

Further certified that above emissions of the Raypure light **have no scientifically established adverse effects on humans**, as per the current scientific knowledge.

Dr. C. J. Panchal

8th December 2021

TESTIMONIAL OF APPRECIATION

Oliva has been using Raypure Non-UV Disinfection Lights since August 2021 (4months) as an additional precautionary measure against infections to keep our customers safer from Covid19 and harmful bacteria.

No adverse events have been reported during this period among our staff and clients.

Raypure has conducted measurements of Airborne Bacteria at the premises of OLIVA's facility, Pre & post illumination of single Raypure light of 18W in 2 rooms. The results showed a welcome reduction of 70% of airborne Microbials by over 70% within one hour of illumination by Raypure Anti-Microbial Light.

We also have taken note of the results of the tests conducted on SARS-CoV-2 at the CCMB, which yielded in reduction of SARS-CoV-2 by 95% in one hour.

We have recommended for further installations in our OLIVA HAIR & SKIN CLINICS.



Regards
Dr Rekha Singh

Senior consultant Dermatologist



UNSW
SYDNEY

AUSTRALIA

**Optometry and
Vision Science**

ACTIVITY OF C-GUARD NON-UV LIGHTS AGAINST CORONAVIRUS

Figure 2: Formula to calculate anti-viral activity

RESULTS

Sample	N	Viral Counts (pfu/ml)	Reduction (%)
Test (60 minutes)	4	20083 ± 6898	33%
Test (90 minutes)	4	8007 ± 4216	73%
Test (120 minutes)	4	6665 ± 1636	78%
Test (180 minutes)	4	1950 ± 305	93%
Control (180 minutes)	18	29981 ± 9567	-

CONCLUSION

The C-Guard lights can reduce the number of viable coronavirus particles by more than 70% after 90 minutes and more than 93% after 180 minutes of exposure to the C-Guard lights.

Ajay Kumar Vijay

Research Fellow

School of Optometry & Vision Science

UNSW Sydney

School of Optometry and Vision Science
The University of New South Wales
UNSW SYDNEY NSW 2052
AUSTRALIA

RAYPURE PRODUCTS LIST



 LEDCHIP INDUS PVT LTD RAYPURE CONTINUOUS DISINFECTION SYSTEMS (CDS) 9000081171, sales@ledchipindus.com www.raypure.in www.uvcLEDonline.com RAYPURELIGHT BHI ... BACTERICIDAL BHI ... SAFE BHI						
RDW-WALL FITTING	Model	Wattage	Outer	Cutout	Height / Thick	Room size
	RDWL18W	18W	300x35mm	-	35mm	16' x 12'
	RDL36W	36W	1180X35mm	-	35mm	20'X25'
RDC CONCEALED FITTING						
	RDCR6W - RDCQ6W	6W	120mm	93mm	53mm Concealed	8' x 8'
	RDCR12W - RDCQ12W/B	12W	150mm	125mm	53mm Concealed Wall Bracket	12' x 12'
	RDCR18W - RDCQ18W/B	18W	170mm	145mm	53mm Concealed Wall Bracket	16' x 12'
	RDCR24W - RDCQ24W	24W	200mm	175mm	53mm Concealed	16' x 16'
	RDCQ30W/B	30W	242mm	215mm	53mm Concealed Wall Bracket	16' x 20'
RDS SURFACE FITTING	SURFACE TYPE					
	RDSR6W	6W	93mm	No Cutout	57mm Surface	8' x 8'
	RDSR12W	12W	123mm	No Cutout	57mm Surface	12' x 12'
	RDSQ18W	18W	143mm	No Cutout	57mm Surface	16' x 12'
	RDSQ24W	24W	200mm	No Cutout	57mm Surface	16' x 16'
	RDSQ30W	30W	242mm	No Cutout	57mm Surface	16'X20'
LARGE PANEL FIXTURES (partial list)						
	RDPCQ24W 36W	36	300mm	285mm	66mm Concealed	16'X16'
 1X2	RDPCQ24W 48	36	600mm	300mm	68mm Concealed	16'X16'
	RDSPL36W	36W	1200mm		72mm Concealed	20' x 25'
 1X4	RDPCQ48W	48W	600mm	580mm	72mm Concealed Surface	20' x 25'
B-optional Wall Bracket accessory Freight Charges are EXTRA Packing and Logisti						
HOW TO CHOOSE: Select the WATTAGE suitable for ROOM SIZE mentioned above HIGHER the WATTAGE , FASTER it will take to REDUCE the BACTERIAL LOAD when New Persons Come-in.						

DISINFECTION at its SIMPLEST

LETHAL for VIRUS - SAFE for HUMANS

INTEGRATED HOSPITAL LIGHTING

Replaces LIGHT FIXTURES in ICUs, Hopsitals, Offices, ClassRooms, Lifts, Cafterias

Flu Protection Lights at Homes



RAYPURE CERTIFICATES →

Scan here



TESTED VERIFIED BY CCMB ON COVID VIRUS

NO RADIATION -IT IS VISIBLE LIGHT ONLY

सी सी एम बी CCMB
कोशिलस्य एवं अणुविकीय जीव विज्ञान केन्द्र
CENTRE FOR CELLULAR AND MOLECULAR BIOLOGY
उपग्रह रोड, हैदराबाद - 500 007, भारत
Uppal Road, Hyderabad - 500 007, India

Page no 1 of 2

Anti-viral Testing Report Date: 17th August, 2021

Name of the Company: LEDCHIP INDUS P.LTD.
Specifics of the Product: RAYPURE NON-UV LIGHT
Name of the virus tested: SARS-CoV2
Tested Concentrations (min): 15, 30, 45, 60, 90

Assay Details:

Assay Performed	Materials used	Manufacturer
Viral RNA Extraction	MagMAX TM Viral/Pathogen II Nucleic Acid Isolation Kit	Applied Biosystems (by Thermo Fisher Scientific)
qRT-PCR	MERIL COVID-19 One-Step RT-PCR Kit	MERIL Diagnostics

Results: The device showed 98% viral reduction at 90min. The viral particles reduced from $10^{6.2}$ to $10^{0.4}$ at 90 min. The experiment was done in duplicates and the values were averaged to calculate % viral reduction. The regression equation for viral particles Vs Ct value of the N-gene specific to SARS-CoV2 virus is $y = -3.8424x + 40.364$, $R^2 = 0.9954$. (X= Number of viral particles, y=Ct value). Number of viral particles are calculated using $X = ((40.364 - Ct_{value}) / -3.8424) \times 10^{(40.364 - Ct_{value}) / -3.8424}$. %Viral reduction = $\frac{\text{Number of viral particles in infection control} - \text{number of viral particles exposed to device}}{(\text{test}) \text{ number of viral particles in infection control}} \times 100$

(Dr B Kiran Kumar)
Scientist-in-charge, CCMB

APPLIED PHYSICS DEPARTMENT
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THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA
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DST-FIST & UGC-DRS Sponsored Department

सत्यं विद्मः सुन्दरम्
Dr. C. J. Panchal
Associate Professor

14 October 2021

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Further certified that above emissions of the Raypure light have no **scientifically established adverse effects on humans**, as per the current scientific knowledge.

(Dr C. J. Panchal)
Dr. C. J. Panchal

CERTIFIED by AUSTRALIAN UNIV - UNSW

raypure
Anti-Microbial Light

UNSW SYDNEY
AUSTRALIA
Optometry and Vision Science

ACTIVITY OF C-GUARD NON-UV LIGHTS AGAINST CORONAVIRUS

Figure 2: Formula to calculate anti-viral activity

Sample	N	Viral Counts (ph/ml)	Reduction (%)
Test (10 minutes)	4	2000 ± 200	70%
Test (30 minutes)	4	800 ± 200	70%
Test (120 minutes)	4	400 ± 100	70%
Test (180 minutes)	4	100 ± 50	90%
Control (180 minutes)	10	2000 ± 200	-

CONCLUSION
The C-Guard lights can reduce the number of viable coronavirus particles by more than 70% after 90 minutes and more than 90% after 180 minutes of exposure to the C-Guard lights.

(Prof. Mervyn Wright)
Research Fellow
School of Optometry & Vision Science
UNSW Sydney

School of Optometry and Vision Science
The University of New South Wales
UNSW SYDNEY NSW 2052
AUSTRALIA

Note: "Raypure" Non-UV disinfection lights are presented under brand "C-Guard" in Australia & New Zealand.

SCHOOL OF OPTOMETRY & VISION SCIENCE, UNSW SYDNEY NSW 2052 AUSTRALIA
T +61 (0) 9555 9000 | APM 67 155 872 179 | CRICOS Provider Code 500888

DERMATOLOGISTS' - CERTIFIED

OLIVA
SKIN & HAIR CLINIC
8th December 2021

TESTIMONIAL OF APPRECIATION

Oliva has been using Raypure Non-UV Disinfection Lights since August 2021 (4months) as an additional precautionary measure against infections to keep our customers safer from Covid19 and harmful bacteria.

No adverse events have been reported during this period among our staff and clients.

Raypure has conducted measurements of Airborne Bacteria at the premises of OLIVA's facility, Pre & post illumination of single Raypure light of 18W in 2 rooms. The results showed a welcome reduction of 70% of airborne Microbials by over 70% within one hour of illumination by Raypure Anti-Microbial Light.

We also have taken note of the results of the tests conducted on SARS-CoV-2 at the CCMB, which yielded in reduction of SARS-CoV-2 by 95% in one hour.

We have recommended for further installations in our OLIVA HAIR & SKIN CLINICS.

(Dr Rekha Singh)
Senior consultant Dermatologist

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Oliva skin & hair clinics
Corporate Identity Number
UBS11YG2008PTC061208

WEBSITE

PRODUCTS

FAQ'S

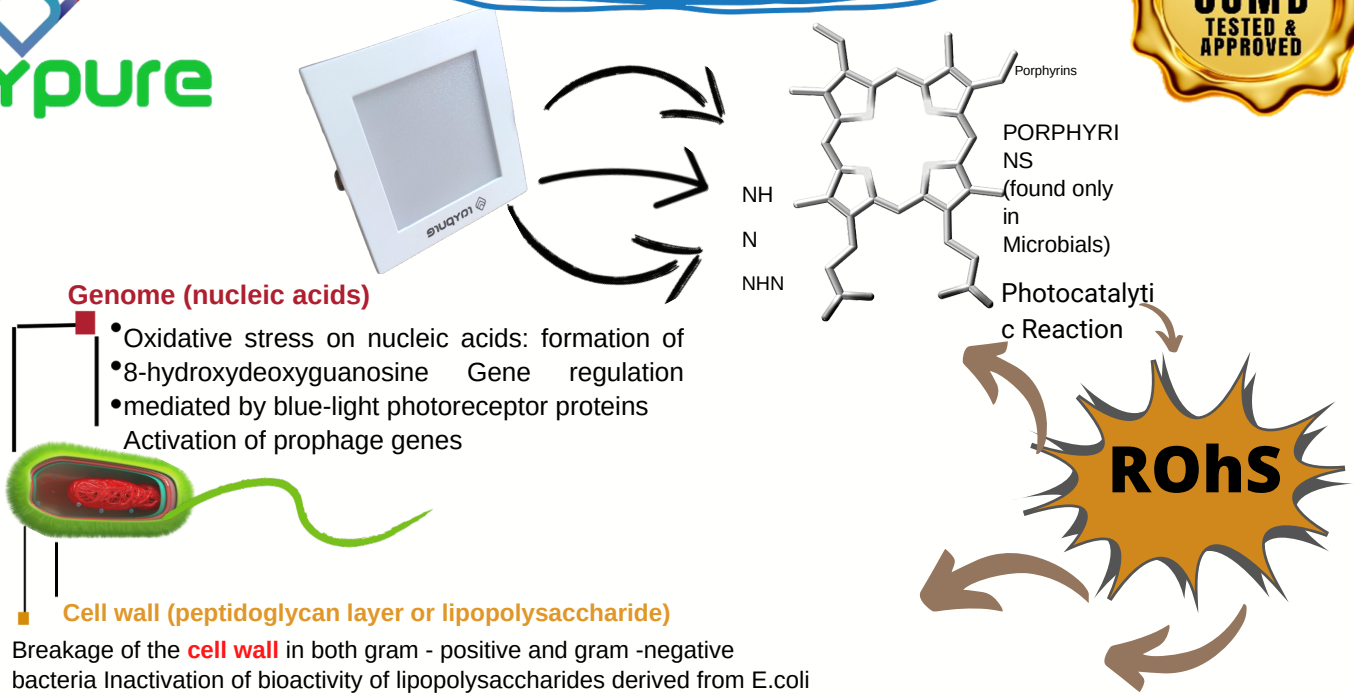
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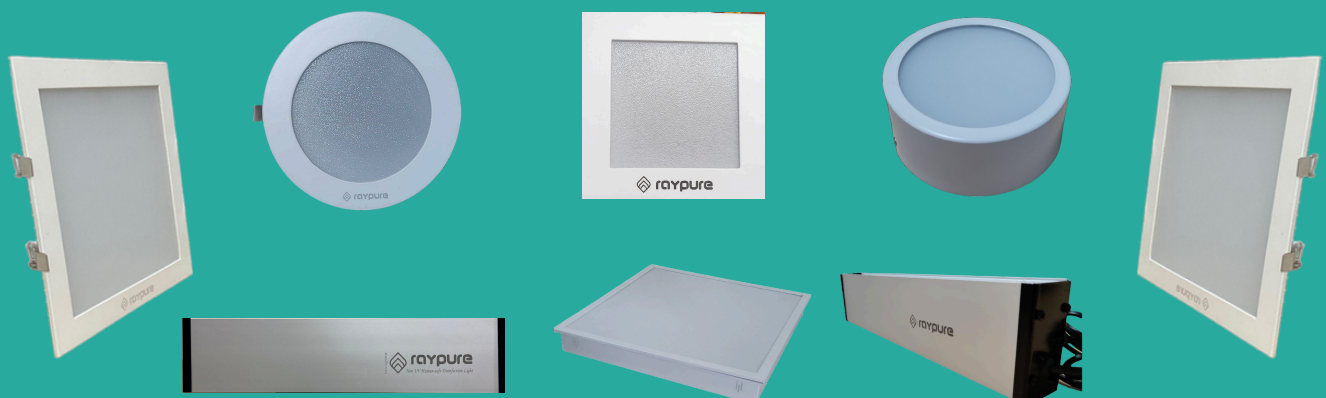
How it Works



Raypure is an Antibacterial Antiviral, Germicidal Light for Home, Schools, Offices, Hospitals, Age Care, Medical Clinic, Emergency Vehicle, Public Transport and More...

Raypure Light Contains Anti-Bacterial rays with the power to kill the Microbials & safe for Humans.

Centre of Cellular & Molecular Biology (CCMB*) Exposed 10 samples of Covid19 Virus, to C-Guard (Raypure) Light Irradiance. The results Show that within 15 minutes 45% Covid19 virus was destroyed & 95% in 60 minutes



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RAYPURE is India's only CCMB Validated Lighting with Non-UV Disinfection